

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method of provisioning a network device with network settings, comprising:

detecting an installation of a portable computer-readable media device;

prompting a user for a network name;

determining a network settings configuration for allowing the network device to join a network corresponding to the network name, wherein the network settings configuration includes at least [[a]] the network name and a network encryption key;

generating an Extensible Markup Language (XML) settings file including the network settings configuration; [[and]]

writing the XML settings file, an autorun file, and a network setup application to [[a]] the portable computer-readable media device, and

reading, from the portable computer-readable media device after a re-installation of the portable computer-readable media device, an XML device configuration file including an applied configuration of the network device.

2. (Original) The method of claim 1, wherein the network encryption key is automatically generated.

3. (Original) The method of claim 1, wherein the network settings further include wireless network settings.

4. (Original) The method of claim 1, wherein determining the network settings configuration includes collecting data from a user.

5. (Original) The method of claim 1, wherein determining the network settings configuration includes using an application program interface (API) of an operating system to determine the network settings.

6. (Original) The method of claim 1, wherein the portable computer-readable media device is a universal serial bus (USB) flash drive.

7. (Original) The method of claim 1, wherein determining the network settings configuration is further for allowing the network device to join a peer-to-peer network.

8. (Original) The method of claim 1, wherein determining the network settings configuration is further for allowing the network device to join a domain-based network

9. (Original) The method of claim 1, wherein the network settings have a time to live, and are invalid after the time to live has expired.

10. (Currently amended) The method of claim 1, further comprising:
~~reading a device configuration describing the network device from the portable computer-readable media device~~ analyzing the XML device configuration file to determine if a fault occurred during a provisioning of the network device with the applied configuration.

11. (Currently amended) A portable computer-readable media device for provisioning an electronic device with network settings, ~~the portable computer-readable media device having stored thereon data~~ comprising:

an XML settings file stored on the portable computer-readable media device containing a network settings configuration for configuring the electronic device to join a network; [[and]]

an autorun file stored on the portable computer-readable media device for prompting the electronic device to automatically apply the network settings configuration, and

an XML device configuration file stored on the portable computer-readable media device after a provisioning of the electronic device, the XML device configuration file corresponding to the electronic device and containing a provisioned networks settings configuration of the electronic device and an indication of any faults that occurred during the provisioning of the electronic device with the provisioned networks settings configuration.

12. (Original) The portable computer-readable media device of claim 11, wherein the portable computer-readable media device is a USB flash drive.

13. (Original) The portable computer-readable media device of claim 11, wherein the network settings include at least one of wireless configuration settings, local area network settings, wide area network settings, and broadband modem settings.

14. (Original) The portable computer-readable media device of claim 11, further comprising multiple versions of the network settings configuration.

15. (Original) The portable computer-readable media device of claim 11, further comprising an application for configuring the portable computer-readable media device, wherein the application executes on a computer connected to the portable computer-readable media device.

16. (Canceled)

17. (Canceled)

18. (Currently amended) A method of configuring ~~[[a]]~~ an electronic device for operation in a network, comprising:
detecting ~~[[the]]~~ an installation of a portable computer-readable media device;
detecting an autorun file on the portable computer-readable media device;
based on the step of detecting the autorun file, automatically uploading a configuration from the portable computer-readable media device, wherein the configuration includes network settings ~~and device configuration information~~ and wherein the configuration is embodied in an XML settings file,
applying the configuration automatically to the electronic device; ~~[[and]]~~
joining the electronic device to the network;
generating a XML device configuration file, the XML device configuration file indicating the applied configuration of the electronic device and any faults occurring during the step of applying the configuration automatically to the electronic device; and
writing the report XML file to the portable computer-readable media device.

19. (Canceled)

20. (Canceled)

21. (New) The method of claim 11, further comprising a plurality of XML device configuration files, wherein each of the plurality of XML device configuration files corresponds to one of a plurality of electronic devices and a specific network configuration applied to the one of the plurality of electronic devices.

22. (New) The method of claim 18, wherein automatically uploading the configuration from the portable computer-readable device comprises automatically uploading one from a plurality of configurations corresponding to a plurality of networks from the portable computer-readable device.